

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 13 Feb 2021 until 23:59 on Sunday 14 Feb 2021

Forecast Issued on Friday 12 Feb 2021 at 11:16

Confidence: High for a change to milder, wetter conditions over the weekend, but lower confidence for timing of milder air arrival and for precipitation details.

Headline for Saturday 13 Feb 2021: A dry, cold and bright morning with some hazy sunshine, but cloud gradually increasing to bring patchy light snow mid-afternoon. Rather windy

Mountain weather hazards on Saturday 13 Feb 2021

Blizzards

No Likelihood

Heavy Snow

No Likelihood

Storm force winds

No Likelihood

Gales

Low Likelihood

Severe chill effect

High Likelihood

Poor visibility

Medium Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Light snow	Cloudy	Cloudy
Precipitation probability							
00%	00%	00%	00%	10%	60%	10%	00

Forecast for Saturday 13 Feb 2021

Weather: Dry overnight but high cloud increasing. Then a dry, cold but generally bright morning with some hazy sunshine. Cloud will gradually increase and lower to bring some light snow flurries later in the afternoon, dying out in evening with clear spells later.

Chance of cloud free mountain/hill tops above 600m: 90% for much of the morning then falling to 20% in afternoon as snow arrives.

Visibility: Good, but poor in any blowing snow and in outbreaks of snow in afternoon, but very poor at height for at least a few hours by dusk with extensive cloud down to 400 or 500m. Cloud more broken and occasionally above the tops in late evening.

Forecast for Saturday 13 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/37 SE	25/40 SE	27/42 SE	27/42 SE	25/38 SE	24/37 SE	22/35 SE	23/36 SE	21/34 SE
300	16/33 SE	17/36 SE	18/37 SE	18/37 SE	17/34 SE	17/35 SE	15/32 SE	17/33 SE	16/32 SE
Valley	12/30 SE	15/34 SE	15/34 SE	16/34 SE	16/33 SE	14/31 SE	14/30 SE	13/29 SE	14/30 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-8/-17	-8/-18	-8/-19	-8/-18	-7/-16	-6/-15	-6/-15	-6/-15	-6/-14
300	-5/-12	-5/-13	-6/-14	-5/-13	-3/-10	-2/-10	-3/-10	-4/-10	-3/-10
Valley	-3/-9	-4/-10	-4/-10	-3/-10	-1/-7	-0/-6	-1/-7	-1/-7	-0/-6
Freezing Level*	00m	00m	00m	00m	00m	00m	00m	00m	00m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

A severe chill expected, even at lower levels. Perhaps some blowing snow, bringing poorer visibility.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 12 Feb 2021	0mm	0mm	1mm

Forecast for Sunday 14 Feb 2021

Weather: Mainly dry overnight, some cloud breaks but generally cloudy. Outbreaks of snow or perhaps freezing rain pushing in from west in morning but quickly turning to rain at all levels as milder air pushes in. Rain becoming heavier and more prolonged by the afternoon with a thaw of snow from lower and some mid-levels leading to risk of flooding and fast flowing water courses.

Maximum wind: South to southeast 35-40 gust 50 mph by morning, turning southwest 30 gust 40 mph in afternoon

Chance of cloud free mountain/hill tops above 600m: 40% at first, but almost no chance by the afternoon

Visibility: Mostly good at first, then poor or very poor with extensive cloud down to 400m

Temperature: **Valleys:** Zero rising to plus 2 C overnight then to plus 7 C

At 600m: Minus 2 C soon rising to plus 2 C

Freezing level: Rising to 800m overnight then well above the summits through the morning